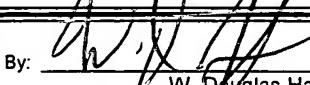


FORM PTO 1190 (REV 5-01) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER 2006_1486A
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. §371		U.S. APPLICATION NO. 10/7591811
International Application No. .PCT/JP2006/300322	International Filing Date January 6, 2006	Priority Date Claimed January 6, 2005
Title of Invention POLAR MODULATOR AND WIRELESS COMMUNICATION APPARATUS USING THE SAME		
Applicant(s) For DO/EO/US Shigeru MORIMOTO et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. §371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. §371(c)(2)) a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). ATTACHMENT A b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. §371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)). a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19. 9. <input checked="" type="checkbox"/> An executed oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). ATTACHMENT B 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)). Items 11. to 14. below concern other document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. ATTACHMENT C 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input checked="" type="checkbox"/> Other items or information: • Submission of Formal Replacement Drawings along with 4 pages of formal figures (Figs 20-23). ATTACHMENT D • Written Opinion of the International Search Authority. ATTACHMENT E • Form PCT/IB/304. ATTACHMENT F		

U.S. APPLICATION NO. 10/591811		INTERNATIONAL APPLICATION NO. PCT/JP2006/300322		ATTORNEY'S DOCKET NO. 2006_1486A	
15. <input checked="" type="checkbox"/> The following fees are submitted				CALCULATIONS	PTO USE ONLY
Basic National Stage Fee \$300.00 National Stage Search Fee (International Search Report provided - 37 CFR 1.492(b)(2)) \$400.00 National Stage Examination Fee \$200.00 Specification/drawings in excess of 100 pages (1 unit of 50 x \$250.00) = \$250.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$1,150.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	31 - 20 =	11	X \$50.00	\$550.00	
Independent Claims	6 - 3 =	3	X \$200.00	\$600.00	
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$2,300.00	
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.				\$	
SUBTOTAL =				\$2,300.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$2,300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	
TOTAL FEES ENCLOSED =				\$2,300.00	
				Amount to be refunded	\$
				Amount to be charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$2,300.00</u> to cover the above fees is enclosed. A duplicate copy of this form is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0975</u> .					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
19. CORRESPONDENCE ADDRESS			By:  W. Douglas Hahm, Registration No. 44,142 WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250 September 6, 2006		
CUSTOMER NO. 52349					

CHECK NO. 76042
 [2006_1486A]

10/591811

IAP12 REC'D PCT/PTO 06 SEP 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Shigeru MORIMOTO et al. : Mail Stop: PCT

Serial No. NEW : Attorney Docket No. 2006_1486A

Filed September 6, 2006 :

POLAR MODULATOR AND WIRELESS
COMMUNICATION APPARATUS USING THE SAME
[Corresponding to PCT/JP2006/300322
Filed January 6, 2006]

ATTORNEY'S DOCKET NO.
PCT/JP2006/300322
REG. NO. 44,142
RECEIVED
U.S. PATENT AND TRADEMARK OFFICE
SEP 06 2006
W. DOUGLAS HAHM
REGISTRATION NO. 44,142
ATTORNEY FOR APPLICANTS

SUBMISSION OF REPLACEMENT FORMAL DRAWINGS

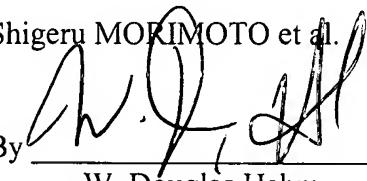
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Replacement formal drawings are submitted herewith in order to label Figures 20-23 as "Prior Art", and this is the only change being made to these drawings.

Approval and entry of these amendments are respectfully requested.

Respectfully submitted,

Shigeru MORIMOTO et al.
By 
W. Douglas Hahm
Registration No. 44,142
Attorney for Applicants

WDH/ck
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
September 6, 2006

ATTACHMENT D